Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: The engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR ENGINE FAMILY		Y ENGINE SIZES (L)	FUEL TYPE	STANDARDS & TEST	NTENDED SERVICE	ECS & SPECIAL FEATURES 3	DIAGNOSTIC 6									
2008	2008 8CEXH0912XAM		Diesel	PROCEDURE	CLASS THHDD	DDI, TC, CAC, ECM, EGR, OC, PTOX										
	ENGINE'S IDLE NS CONTROL		14.9 Diesel Diesel HHDD PTOX EMD ADDITIONAL IDLE EMISSIONS CONTROL 5													
	30g	Engine fam	nily 8KBXL.719KCB-based	APS exhausting	through the	after-treatment system of primary	engine.									
ENGINE (L)			DELS / CODES (ra												
14.9				ent for engine m												
CNG/LI L/M/H F ECS=er up catalyst; TBI=throttle super charc	NG=compressed/liquefi IDD=light/medium/heav mission control system; DPF=diesel particulat be body fuel injection; S aer: CAC=charge air cr	ed natural gas; LPG=li ry heavy-duty diesel; U TWC/OC=three-way/o e filter; PTOX=periodic lf/MFI=sequenial/multi boler: EGR / FGR-C=e	quefied petroleum gas; E85=85% e IB=urban bus; HDO=heavy duty Oil ixidizing calalyst; NAC=NOx adsorg: trap oxidizer; HO2S/O2S=heated/c porf fuel injection; DGI=direct gasory refuels has excipalating (cooled 56	thanol fuel; MF=muit to; otion catalyst; SCR-t oxygen sensor; HAF; line kiteration; CCAP	/ SCR-N=selection	R 86.abc=Tille 40, Code of Federal Regulations =bi fuel; DF=dual fuel; FF=flexible fuel; clive catalytic reduction – urea / – ammonia; W pir-fuel-ratio sensor (a.k.a., universal or linear o buretor; IDV/DDI=indirect/direct diesel injection; injection; SPL=smoke puff limiter; ECM/PCM=	' U (prefix) ≂warm- ×ygen sensor);									
ESS=er (per 13 CC)	ngine shutdown system R 1956.8(a)(6)(D); Exe	(per 13 CCR 1956.8(a) impt=exempted per 13	nici, (z) (Sunix)-in Senes:	CCR 1956.8(a)(6)(C); APS =intern; =not applicable	al anathration qualitative and a second										

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8; 2) the EURO and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. "Diesel" CO, EURO and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.8 are in parentheses.).

in g/bhp-hr	NMHC		NOx		NMHC+NOx			:0	P	M	нсно		
	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	
STD	0.5	0.5	*	*	*	*	15.5	15.5	0.01	0.01	*	•	
FEL	*		*	*	2.3	2.3	*	*	*	*	+	+	
CERT	0.01	0.01	•	*	2.0	2.2	0.1	0.01	0.000	0.000	*	+	
NTE	0.6		*		2.9		19.4		0.02			*	

g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; EURO=Euro III European Steady-State Cycle, including RMCSET=ram mode cycle supplemental emissions testing; NTE=Not-to-Exceed; STD=standard or emission test cap; FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CD=carbon monoxide; PM=particulate matter; HCHO=formaldehyde; (Rev.: 2007-02-26)

BE IT FURTHER RESOLVED: Certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: Except in vehicle applications exempted per 13 CCR 1956.8(a)(6)(B), engines in this engine family certified under 13 CCR 1956.8(a)(6)(C) [30 g/hr NOx] and section 35.B.4 of the incorporated "California Exhaust Emissions Standards and Test Procedures for 2004 and Subsequent Model Heavy-Duty Diesel Engines and Vehicles" adopted Dec. 12, 2002, as last amended Sep. 1, 2006, shall be provided with an approved "Certified Clean idle" label that shall be affixed to the vehicle into which the engine is installed.

BE IT FURTHER RESOLVED: Engines in this engine family ("primary engines") may include the auxiliary power system (APS) described above for additional idle emissions control subject to the following stipulations. (A) Engine exhaust from the APS is routed directly into the exhaust system of the primary engine upstream of its diesel particulate matter aftertreatment device. And, (B) The manufacturer shall ensure that each primary engine so equipped with the APS is provided with an approved "Verified Clean APS" label to be affixed to the vehicle into which the primary engine is installed. The "Verified Clean APS" label shall conform to 13 CCR 2485(c)(3)(D) and section 35.B.4 of the incorporated "California Exhaust Emissions Standards and Test Procedures for 2004 and Subsequent Model Heavy-Duty Diesel Engines and Vehicles" adopted Dec. 12, 2002, as last amended Sep. 1, 2006.



CUMMINS INC.

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BE IT FURTHER RESOLVED: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels) and 13 CCR 2035 et seq. (emission control warranty).

BE IT FURTHER RESOLVED: The listed engine models are conditionally certified pending submission of additional information to justify the auxiliary emission control device (AECD) used for engine protection. The manufacturer must demonstrate that the use of the AECD is the minimum strategy necessary for engine protection. The manufacturer has until March 31, 2008 to resolve concerns on this conditional certification. This Executive Order is effective through March 31, 2008; engines produced after the aforementioned effective date are deemed uncertified

BE IT FURTHER RESOLVED: The listed engine models are conditionally certified pending final approval of "Certified Clean Idle" and "Verified Clean APS" vehicle labels. The manufacturer has until March 31, 2008 to resolve concerns on this conditional certification. This Executive Order is effective through March 31, 2008; engines produced after this date are not covered by this Executive Order.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this

day of March 2008.

Annette Hebert, Chief

Mobile Source Operations Division

Engine Model Summary Template

	ATTACHU GUT																			
8.Fuel Rate: 9.Emission Control (Ibs/hr)@peak torqueDevice Per SAE J1930	ртох, РСМ,	Атох, РСМ,	Ptox, PdM,	РТФХ, РФМ,	О РТФХ, РФМ,	PDI PTOK, HCM.	CAK PTOX, PCM.	FLA HTOX PCM.	CEN HTOX, PCM.	DC, PTOX, PCM.	PLOKEPTOX, PCM,	PTOK, POM,	PTOK, PCM,	PTCX, PGM,	РТФХ, РСМ	ртох, РСМ,	PTDX, PCM,	РТОХ, РСМ,	Р ф ох <i>р</i> см,	
8.Fuel Rate: (lbs/hr)@peak tor	149	149	149	149	126	126	149	149	149	149	126	126	170	154	154	154	154	136	1364	
7.Fuel Kate: mm/stroke@peak torque	368	368	368	368	312	312	368	368	368	368	312	312	421	381	381	381	381	335	335	
6.Torque @ RPM (SEA Gross)	1850@1200	1850@1200	1850@1200	1850@1200	1650@1200	1650@1200	1850@1200	1850@1200	1850@1200	1850@1200	1650@1200	1650@1200	2050@1200	1850@1200	1850@1200	1850@1200	1850@1200	1650@1200	1650@1200	
5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	216	206	195	213	195	195	216	206	195	213	195	195	224	224	219	206	224	202	202	
4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	357	339	321	351	321	321	357	339	321	351	321	321	368	368	361	339	368	333	333	
3.BHP@RPM (SAE Gross)	615@1800	578@1800	550@1800	600@1800	525@1800	525@1800	615@1800	578@1800	550@1800	600@1800	525@1800	525@1800	615@1800	615@1800	578@1800	550@1800	615@1800	525@1800	525@1800	
2.Engine Model	1SX 600	ISX 550	ISX 525	1SX 600	ISX 525	ISX 525	18X 600	ISX 550	ISX 525	1SX 600	ISX 525	ISX 525	ISX 600	18X 600	ISX 550	ISX 525	ISX 600	ISX 525	ISX 525	
1.Engine Cade	0927;FR10627	0927;FR10629	0927;FR10106	0927;FR10631	0927;FR10632	0927;FR10633	2734;FR10627	2734;FR10629	2734;FR10630	2734;FR10631	2734;FR10632	2734;FR10633	2919;FR10717	2919;FR10627	2919;FR10629	2919;FR10630	2919;FR10631	2919;FR10632	2919;FR10633	
Engine Family	SCENTONISMAM	SCEXHO912XAM	SCEXHO912XAM	SCEXH0912XAM	8CEXH0912XAM	SCEXH0912XAM	8CEXH0912XAM	8CEXH0912XAM	8CEXH0912XAM	8CEXH0912XAM	8CEXH0912XAM	BCEXH0912XAM	SCEXHOD12XAM	SCEXH0912XAM	SCEAH5912XAM	WAX2.83		67.8.X109.12XAM	OCEXH0912XAM	